

# CIRCULAR ECONOMY OF LEAD BATTERIES

The lead battery industry, with its established circular infrastructure, is a model for other battery chemistries in how to responsibly source, use, reuse and manage materials.

## Step 1: Manufacturing

A new lead battery is typically comprised of **80% recycled material**.

Lead from lead batteries can be **infinitely recycled** with no loss of performance.

## Step 5: Sourcing & Materials Efficiency

U.S. lead battery manufacturers source approximately **+83% of lead** from North American recycling facilities.

Lead batteries have been recycled for **more than 100 years**.

## Step 4: Recycling

## Step 3: Collection

## Step 2: Use

Worldwide, lead batteries are used in virtually **every hybrid and electric vehicle**.

Modern, closed-loop recycling in the U.S. keeps **+160 million lead batteries** from landfills each year.

Lead batteries have a **99% recycling rate**, the highest of any consumer product in the U.S.

Lead batteries rank among the **top five consumer product categories** in sustainability.

Lead battery life has **increased by 30-35%** in the last 20 years.

Learn more at [BatteryCouncil.org](https://BatteryCouncil.org)

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